| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|---|---|---------------------|---------|------------------|
| L1 | 1465 | (128/205.24).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/05 07:49 |
| L2 | 972 | 1 and @ad<="20021216" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/05 07:49 |
| L3 | 123 | (voice or speak or speaking or speech) and diaphragm and valve and (tracheostomy or trachea) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/05 07:50 |
| L4 | 5 | 2 and L3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/05 07:49 |
| L5 | 5 | (voice or speak or speaking or speech) and diaphragm and (valve or vent) and (tracheostomy or trachea) and 2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/05 07:50 |
| L6 | 10 | (voice or speak or speaking or speech) and (valve or vent) and (tracheostomy or trachea) and 2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/05 07:51 |
| L7 | 49 | (voice or speak or speaking or speech) and 2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/05 07:55 |
| L8 | 1023 | RUTTER.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/05 07:55 |

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|----|-------------|--|---|----|-----|---|
| L9 | 13 | 8 near michael | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/05 07:55 |
| S1 | 1708 | ((128/207.14) or (128/200.26) or (128/207.16)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/07 06:51 |
| 52 | 18346 | tracheotomy or trachea | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/08 07:23 |
| S3 | 1991458 | valve | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/07 06:51 |
| S4 | 500 | intrathoracic adj pressure | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/07 06:51 |
| S5 | 307258 | diaphragm | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/07 06:51 |
| S6 | 6 | S1 and S2 and S3 and S4 and S5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/07 06:52 |
| S7 | 54 | S2 and S3 and S4 and S5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/07 06:53 |

| S8 | 54 | S6 or S7 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; | OR | ON | 2006/03/07 07:18 |
|-----|------|---|---|----|-----|------------------|
| S9 | 2 | ("4582058").PN. | IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/03/07 06:54 |
| S10 | 31 | ("2339048" "3228409" "3342200" "3683931" "3692071" "4106502" "4325366" "4494252").PN. OR ("4582058"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/07 06:56 |
| S11 | 2 | S8 and (tracheotomy adj tube) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/07 07:18 |
| S12 | 54 | S8 and (valves) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/07 07:20 |
| S13 | 5 | S8 and ((cm or centimeter) adj (water or H20)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/07 07:21 |
| S14 | 5 | S8 and ((cm or centimeter) adj (water or H20) or ((water or H20) adj head)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/07 07:21 |
| S15 | . 15 | S8 and (diaphragm with (flexible or pliable or bendable or ductile or elastic or plastic or malleable or formable)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/07 07:24 |

| S16 | 19 | (US-20040231664-\$ or US-20040123868-\$ or US-20050267387-\$ or US-20040106874-\$ or US-20040019285-\$ or US-20040016428-\$ or US-20040016428-\$ or US-20030037784-\$ or US-20020170562-\$ or US-20020069878-\$).did. or (US-4326507-\$ or US-6986349-\$ or US-6604523-\$ or US-6193751-\$ or US-4424806-\$ or US-4697593-\$ or US-6526973-\$ or US-6062219-\$ or US-5692498-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/03/07 07:39 |
|-----|----|--|---|----|----|------------------|
| S17 | 13 | S16 and @ad<="20021216" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/07 07:44 |
| S18 | 6 | S16 not S17 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/07 07:40 |
| S19 | 19 | (US-20040231664-\$ or US-20050267387-\$ or US-20040106874-\$ or US-20040019285-\$ or US-20040019285-\$ or US-20040016428-\$ or US-20040016428-\$ or US-20030037784-\$ or US-20020170562-\$ or US-20020069878-\$ or US-20040123868-\$).did. or (US-4326507-\$ or US-6986349-\$ or US-6604523-\$ or US-6986349-\$ or US-6526973-\$ or US-6604219-\$ or US-6526973-\$ or US-6193751-\$ or US-4424806-\$).did. | US-PGPUB; USPAT | OR | ON | 2006/03/07 07:44 |
| S20 | 13 | S19 and @ad<="20021216" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/07 07:44 |

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|-----|---------|---|---|----|----|------------------|
| S21 | 18346 | tracheotomy or trachea | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/08 07:24 |
| S22 | 1991458 | valve | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/08 07:24 |
| S23 | 500 | intrathoracic adj pressure | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/08 07:24 |
| S24 | 307258 | diaphragm | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/08 07:24 |
| S25 | 54 | S21 and S22 and S23 and S24 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/08 07:24 |
| S26 | 3 | S25 and (speech or speaking or talk or talking) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/08 07:25 |
| S27 | 989 | rutter.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/08 12:03 |
| S28 | 12 | S27 near MICHAEL | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/08 12:03 |

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|-------------|------|--|---|----|-----|------------------|
| S29 | 4 | S28 and valve | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/08 12:04 |
| S30 | 1 | S28 and diaphragm | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/08 12:04 |
| S31 | 2 | S28 and intrathoracic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/08 12:04 |
| S32 | 5521 | ((128/200.24) or (128/200.26) or (128/201.19) or (128/202.27) or (128/204.26) or (128/205.25) or (128/206.15) or (128/207.12) or (128/207.14) or (128/207.15) or (128/207.16) or (128/202.27) or (128/202.28) or (128/202.29) or (128/203.11)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/05 07:48 |
| S33 | 3633 | S32 and @ad<="20021216" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/01 16:58 |
| S34 | 655 | S33 and valve and (tracheostomy or trachea) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/01 16:58 |
| S35 | 96 | S34 and (voice or speaking or speak or speech) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/01 16:47 |

| S36 | 63 | ("3924637" "4040428" "4280492" " 4325366" "4326507" "4439872" "44 59984" "4538607" "4582058" "4627 433" "4697593" "4759356" "476380 3" "5201722" "5392775" "5411491" "5727594" "5765560" "5957978" " 6024120" "6102245" "6116457" "61 93751" "6352525" "6409967" "6544 292" "6604523" "6986349").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/01 16:47 |
|-----|------|---|---|----|----|------------------|
| S37 | 123 | (voice or speak or speaking or speech) and diaphragm and valve and (tracheostomy or trachea) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/01 16:58 |
| S38 | . 59 | S37 and @ad<="20021216" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/05 07:48 |